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Athens, 22/Jan/2014

Ref.:09/01 EPA/14

**Description of Actions to Achieve Compliance**

Re: MV VIGOROUS – IMO 9546239 – Non Availability of Compliant Fuel prior to entering the North American ECA.

We wish to inform you that MV Vigorous under our management, loaded Cocoa beans in bags, from Abidjan and San Pedro ports, Ivory Coast bound to Philadelphia, Pa USA, for discharging. The vessel is expected to enter the North American ECA area on January 29<sup>th</sup>, 2014. Main Engine's operation/steaming from entering ECA until Philadelphia Pier #84, will last about 24 hours.

The issue is that the vessel currently does not have compliant Fuel Oil with maximum 1% Sulphur content required for use in the North American ECA. Sulphur content is 2,61% according to VISWA Lab analysis of the fuel sample.

Vessel's previous trading was from Kohsichang, Thailand to West Coast Africa, Luanda and Namibe, Angola - Point Noire R. of Congo -, Douala, Cameroon where discharge her cargo of bagged rice from 14/Oct/2013 until 03/Jan/2014.

As next fixed voyage was to load Cocoa beans from Abidjan and San Pedro in Ivory Coast bound to Philadelphia, Pa USA, it was planned to arrange bunker of HFO with low Sulphur not exceeding 1% concentration.

Unfortunately, it was impossible to find a supplier on the bunker market who was able to deliver Low Sulphur Fuel Oil, in the whole West African area. All bunkers suppliers who were contacted ( KPI Bridge Oil, Endofa Dmcc, OW Bunkers, Monjasa, Bunkernet) could only supply High Sulphur Fuel Oil.

After all attempts failed, the vessel supplied HFO – 380 cst, OPL Abidjan on January 12<sup>th</sup>, 2014.

Intention is upon vessel's arrival Philadelphia, compliant Fuel oil will be delivered, enabling vessel, the soonest possible to be in compliance with North American ECA requirements.

Vessel's Agent contact details in Philadelphia are as follow:

G. M. Richards Enterprises, Inc.-East Coast  
7400 Johnson Farm Ln., No 109  
Chadds Ford, PA 19317 USA  
Email: [gmreecoast@gmreshipagent.com](mailto:gmreecoast@gmreshipagent.com)  
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PIC: Rodney Richards

Yours faithfully

Capt. Christos Chavvas / Ops  
Lamda Maritime S.A.

